

5 in 18 lb/ft P110 (API 5CT)

Box end finish: Mang. Phosph. Lubrication: API-Modified

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	5.000 in
Nominal ID	4.276 in
Min. Yield Strength	110 ksi
Nominal Wall Thickness	0.362 in
Minimum Wall Thickness	87.5 %
Drift	4.151 in

CONNECTION PROPERTIES

Coupling OD (nominal)	5.577 in
Coupling ID (nominal)	4.219 in
Make-up Loss	4.191 in
Coupling Length	10.394 in
Tension Efficiency	100 % of pipe
Compression Efficiency	100 % of pipe
Internal Pressure Efficiency	100 % of pipe
External Pressure Efficiency	100 % of pipe

CONNECTION PERFORMANCE

Tensile Yield Load	580 klb
Compression Yield Load	580 klb
Internal Yield Pressure	14 340 psi
External Pressure Resistance	13 470 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	322 klb

TORQUE VALUES

Minimum Make-up torque	8 760 ft·lb
Optimum Make-up torque	9 740 ft·lb
Maximum Make-up torque	10 710 ft·lb
Minimum Shoulder Torque	490 ft·lb
Maximum Shoulder Torque	6 820 ft·lb
Maximum Operational Torque	11 680 ft·lb

Connection qualified as per ISO 13679:2002 - CAL IV



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PCTDS-SENTINEL_One-5-18-P110

Date of issue (dd/mm/yyyy):

30/04/2026

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